

13-TP

Chemical Properties

CAS No. :

Formula: C₁₂H₁₉F₂N₆O₁₂P₃

Molecular Weight: 570.23

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

| | |
|---------------|---|
| Description | 13-TP is an inhibitor of SARS-CoV-2. It effectively suppresses in vitro RNA synthesis catalyzed by the central replication-transcription complex (C-RTC, nsp12-nsp7-nsp82) of SARS-CoV-2. 13-TP fully inhibits RdRp polymerase activity and obstructs the complete extension of some primer RNAs. |
| Targets(IC50) | DNA/RNA Synthesis,SARS-CoV |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7537 mL | 8.7684 mL | 17.5368 mL |
| 5 mM | 0.3507 mL | 1.7537 mL | 3.5074 mL |
| 10 mM | 0.1754 mL | 0.8768 mL | 1.7537 mL |
| 50 mM | 0.0351 mL | 0.1754 mL | 0.3507 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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